Sunshine Test Questions

Students choose test ideas, then ask questions about sunlight and temperature.

E.K.8B.2 "With teacher guidance, develop questions to conduct a structured investigation to determine how sunlight affects the temperature of the Earth's natural resources (e.g., sand, soil, rocks, and water)."

NAME _____ DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 CHOOSE IDEAS

a

rain	**shade**	**wind**

b

warm	**wet**	**rough**

2 ASK QUESTIONS

soil	
water	

ANSWER KEY

Sunshine Test Questions

HOW TO RUN THIS PAGE

Read the choices aloud and guide students to use their circled words to develop questions about sunlight and temperature. Listen to each student's questions, and record the exact words and any support given separately.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 · CHOOSE IDEAS

SAY "Let's plan a test. Circle one word in each row to help you make a question."

ROW	SAY	STUDENTS CIRCLE
a	Listen: rain, shade, wind. Where could we put something to compare it with a sunny place? Circle that word.	**shade**
b	Listen: warm, wet, rough. Which word helps us ask about temperature? Circle that word.	**warm**

PART 2 · ASK QUESTIONS

SAY "The words beside the boxes are soil and water. For each one, ask me a question about whether sunlight makes it warmer than shade does. After you ask your question, write a question mark in that box."

- Box 1 (beside soil): **Student writes ? and orally asks a question comparing soil in sunlight and shade by temperature.**
- Box 2 (beside water): **Student writes ? and orally asks a question comparing water in sunlight and shade by temperature.**

WHAT TO ACCEPT

Accept questions such as, "Is soil in the sun warmer than soil in the shade?" and "Is water in the sun warmer than water in the shade?" Each question must name the resource and compare its temperature in sunlight and shade.